

Product data sheet

Specifications



APC Smart-UPS RT 6000VA, 230V,
rackmount w/kit, 3U, 8x IEC 60320
C13 & 4x IEC Jumpers & 2x IEC
60320 C19 outlets

SURT6000XLICH



Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	230 V
product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	4200 W
Rated power in VA	6000 VA
output connection type	8 IEC 60320 C13 4 IEC Jumpers 2 IEC 60320 C19
Number of rack unit	3U
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual Web/SNMP management card
range of product	Smart-UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph 
Battery type	Lead-acid battery
Number of battery filled slots	2
Battery recharge time	2.5 h
Number of battery replacement quantity	1
Battery charger power	421 W rated
Battery life	3...5 year(s)
Replacement battery	APCRBC140 
Extended runtime	1

General

UPS type	Double conversion online
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	43.2 cm
Width	13 cm
Depth	69.85 cm
net weight	54.55 kg
Mounting location	Front
Mounting preference	Lower
mounting mode	Rack-mounted with kit
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire
Input voltage limits	160...280 V

Output

Maximum configurable power in VA	6000 VA
Maximum configurable power in W	4200 W
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Wave type	Sine wave
Efficiency	92 % (full load)
Harmonic distortion	Less than 3 %
Crest factor	3 : 1
Bypass type	Internal bypass (automatic and manual)
Additional information	Configurable for 220 : 230 or 240 nominal output voltage

Conformance

Product certifications	C-Tick CE GOST VDE
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C

Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	55 dBA
Heat dissipation	1040 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring - Schneider
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	555 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	34.7 cm
Package 1 Width	98 cm
Package 1 Length	60.3 cm
Package 1 Weight	63.64 kg

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
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Image of product / Alternate images

Alternative

